1638

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/700,349

DATE: 07/24/2002
TIME: 12:19:30

Input Set : A:\pto_vsk.txt
Output Set: N:\CRF3\07242002\I700349.raw

Does Not Comply
Corrected Diskette Needed

```
    3 <110> APPLICANT: MAX-PLANCK-GESELLSCHAFT ZUR FTRDERUNG DER WISSENSCHAFTEN E.V.
    4       WOLFGANG ROHDE, BUSECK
    5       DIRK PRUFER, KOLN
    6       ECKHARD TACKE, EBSTORF
    7       PETER PASEMANN. KOLN
    8       FRANCESCO SALAMINI, KOLN
   10 <120> TITLE OF INVENTION: METHOD FOR PRODUCING PLANTS HAVING AN INCREASED TOLERANCE
AGAINST
   11       DROUGHT AND/OR FUNGAL ATTACK AND/OR INCREASED SALT CONCENTRATIONS
   12       AND/OR EXTREME TEMPERATURE BY THE EXPRESSION OF PLASMODESMATA-
   13       LOCALIZED PROTEINS
   15 <130> FILE REFERENCE: 009848-0276439
   17 <140> CURRENT APPLICATION NUMBER: 09/700,349
C--> 18 <141> CURRENT FILING DATE: 2001-03-16
   20 <150> PRIOR APPLICATION NUMBER: PCT/EP99/03291
   21 <151> PRIOR FILING DATE: 1999-12/05
   23 <150> PRIOR APPLICATION NUMBER: 98108726.5
W--> 24 <151> PRIOR FILING DATE: 1998-13-05
   26 <160> NUMBER OF SEQ ID NOS: 3
   28 <170> SOFTWARE: PatentIn Ver. 3.0
   30 <210> SEQ ID NO: 1
   31 <211> LENGTH: 20
   32 <212> TYPE: PRT
   33 <213> ORGANISM: Artificial Sequence
   35 <220> FEATURE:
   36 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic, no natural
origin
   38 <400> SEQUENCE: 1
   40 Met Ala Glu Leu Gly Ser Gly Ser Glu Leu His Arg Gly Gly Gly Arg
   41 1               5                   10                  15
   43 Ser Arg Thr Ser
   44           20
   47 <210> SEQ ID NO: 2
   48 <211> LENGTH: 550
   49 <212> TYPE: DNA
   50 <213> ORGANISM: Artificial Sequence
   53 <220> FEATURE:
   54 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic, no natural
origin
   56 <220> FEATURE:
   57 <221> NAME/KEY: CDS
   58 <222> LOCATION: (11)..(538)
   60 <400> SEQUENCE: 2
   62 ctcgagaaca atg gca gag ctc gga tcc gga tcc gag ctc cac cgc ggt      49
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63              Met Ala Glu Leu Gly Ser Gly Ser Glu Leu His Arg Gly
64               1             5                10
```

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66 ggc ggc cgc tct aga act agt acg tca acg gtg gtg tac aac aac caa    97
67 Gly Gly Arg Ser Arg Thr Ser Thr Ser Thr Val Val Tyr Asn Asn Gln
68     15              20                  25
70 gga ggc gaa gaa ggc aat ccc ttc gca ggc gcg cta aca gag ttc agc   145
71 Gly Gly Glu Glu Gly Asn Pro Phe Ala Gly Ala Leu Thr Glu Phe Ser
72     30              35                  40                  45
74 cag tgg tta tgg tca cgg cct ctg ggc aac cca ggc gcc gaa gac gta   193
75 Gln Trp Leu Trp Ser Arg Pro Leu Gly Asn Pro Gly Ala Glu Asp Val
76              50                  55                  60
78 gaa gag gag gca atc gcc gct caa gaa gaa ctg gag ttc ccc gag gac   241
79 Glu Glu Glu Ala Ile Ala Ala Gln Glu Glu Leu Glu Phe Pro Glu Asp
80              65                  70                  75
82 gag gct caa gcg aga cat tcg tgt tta caa agg aca acc tca tgg gca   289
83 Glu Ala Gln Ala Arg His Ser Cys Leu Gln Arg Thr Thr Ser Trp Ala
84              80                  85                  90
86 act ccc aag gaa gtt tca cct tcg ggc cga gtc tat cag act gtc cgg   337
87 Thr Pro Lys Glu Val Ser Pro Ser Gly Arg Val Tyr Gln Thr Val Arg
88     95                  100                 105
90 cat tca agg atg gaa tac tca agg cct acc atg agt ata aga tca caa   385
91 His Ser Arg Met Glu Tyr Ser Arg Pro Thr Met Ser Ile Arg Ser Gln
92 110                 115                 120                 125
94 gca tct tac ttc agt tcg tca gcg agg cct ctt cca cct cct ccg gct   433
95 Ala Ser Tyr Phe Ser Ser Ser Ala Arg Pro Leu Pro Pro Pro Pro Ala
96              130                 135                 140
98 cca tcg ctt atg agt tgg acc ccc att gca aag tat cat ccc tcc agt   481
99 Pro Ser Leu Met Ser Trp Thr Pro Ile Ala Lys Tyr His Pro Ser Ser
100             145                 150                 155
103 cct acg tca aca agt tcc aaa tta cga agg gcg gcg cca aaa ctt atc  529
104 Pro Thr Ser Thr Ser Ser Lys Leu Arg Arg Ala Ala Pro Lys Leu Ile
105             160                 165                 170
107 aag cgc gga tgataaggta cc                                        550
108 Lys Arg Gly
109     175
112 <210> SEQ ID NO: 3
113 <211> LENGTH: 176
114 <212> TYPE: PRT
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic, no natural
origin
120 <400> SEQUENCE: 3
122 Met Ala Glu Leu Gly Ser Gly Ser Glu Leu His Arg Gly Gly Gly Arg
123  1              5                   10                  15
125 Ser Arg Thr Ser Thr Ser Thr Val Val Tyr Asn Asn Gln Gly Gly Glu
126             20                  25                  30
128 Glu Gly Asn Pro Phe Ala Gly Ala Leu Thr Glu Phe Ser Gln Trp Leu
129             35                  40                  45
131 Trp Ser Arg Pro Leu Gly Asn Pro Gly Ala Glu Asp Val Glu Glu Glu
132          50                  55                  60
134 Ala Ile Ala Ala Gln Glu Glu Leu Glu Phe Pro Glu Asp Glu Ala Gln
```

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```
135  65                        70                        75                        80
137 Ala Arg His Ser Cys Leu Gln Arg Thr Thr Ser Trp Ala Thr Pro Lys
139              85                        90                        95
141 Glu Val Ser Pro Ser Gly Arg Val Tyr Gln Thr Val Arg His Ser Arg
142             100                       105                       110
144 Met Glu Tyr Ser Arg Pro Thr Met Ser Ile Arg Ser Gln Ala Ser Tyr
145         115                       120                       125
147 Phe Ser Ser Ser Ala Arg Pro Leu Pro Pro Pro Ala Pro Ser Leu
148     130                       135                       140
150 Met Ser Trp Thr Pro Ile Ala Lys Tyr His Pro Ser Ser Pro Thr Ser
151 145                       150                       155                       160
153 Thr Ser Ser Lys Leu Arg Arg Ala Ala Pro Lys Leu Ile Lys Arg Gly
154                 165                       170                       175
```

VERIFICATION SUMMARY   DATE: 07/24/2002
PATENT APPLICATION: **US/09/700,349**   TIME: 12:19:31

Input Set : **A:\pto_vsk.txt**
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L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:24 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD